# CHUSKA ENERGY COMPANY

315 N. BEHREND • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525




15 August, 1990

State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Building, Suite 350
Salt Lake City, Utah 84180-1203

Ref: Application for Permit to Drill
Coral 11A-1 Well, San Juan County, Utah

Gentlemen

Attached for your examination and approval is the original and two copies of an Application for Permit to Drill the Coral 11A Well No. 1 in San Juan County, Utah. This well will be drilled as part of an ongoing exploration program.

The location for this well falls outside the guidelines for the State of Utah spacing requirements. However, the topography of the area surrounding the desired location, as well as the presence of numerous archaeological sites, is such as to preclude the well being located in accordance with State requirements and yet remain in a position which will allow the well bore to penetrate geological structures which have been identified by seismic interpretation. We therefore apply for an exception to the General State Spacing requirements on topographic grounds. Chuska Energy either controls the acreage surrounding the proposed site or it is open Tribal land, as indicated on the attached land plat.

Please advise if you require additional information concerning this application. Chuska Energy will greatly appreciate your prompt consideration.

Sincerely,

Larry G. Sessions
Operations Manager

LGS/cswh
File: C:\WP51\CORAL.11A\APDCOVER

encl.

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

# APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work
DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. Type of Well
Oil Well ☐ Gas Well ☐ Other Single Zone ☐ Multiple Zone ☐

2. Name of Operator
Chuska Energy Company

3. Address of Operator
P.O. Box 780, Farmington, New Mexico 87499

4. Location of Well (Report location clearly and in accordance with any state requirements.*)
At Surface 200' FNL, 450' FEL
At proposed prod. zone Same NENE

5. Lease Designation and Serial No.
NOG 8702-1116

6. If Indian, Allottee or Tribe Name
Navajo Tribal

7. Unit Agreement Name

8. Farm or Lease Name
Coral 11A

9. Well No.
1

10. Field and Pool, or Wildcat
Wildcat

11. QQ, Sec., T., R., M., or Blk. and Survey or Area
S11 T43S R25E

12. County or Parish
San Juan

13. State
Utah

14. Distance in miles and direction from nearest town or post office*
10 miles SSE of Aneth, Utah

15. Distance from proposed location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 450'

16. No. of acres in lease 49,997

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth 6,341' GR Akah

20. Rotary or cable tools Rotary

21. Elevations (Show whether DF, RT, GR, etc.)
5,168' GR

22. Approx. date work will start*
11-15-90

23. PROPOSED CASING AND CEMENTING PROGRAM

| Size of Hole | Size of Casing | Weight per Foot | Setting Depth | Quantity of Cement |
|---|---|---|---|---|
| 12 1/4" | 8 5/8" | 24 lb | 500' | 371 sx 'G' + 2% $CaCl_2$ |
| 7 7/8" | 5 1/2" | 15.5 lb | 6,341' | 882 sx 'G', 65:35 Poz + 6% Gel |

Refer to attached 10-Point Drilling Plan etc.

OIL AND GAS
DFM 4 RJF
JRB 2 GLH
DTB SLS
1-TAS
2-TAS
5-TAS
6 MICROFILM
7 FILE

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM : If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. I hereby certify that this report is true and complete to the best of my knowledge.

Signed Christopher S.W. Hill Title Petroleum Engineer Date 15 August, 1990

(This space for Federal or State office use)

API NO. 43-037-31554 Approval Date APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

Approved by Title

Conditions of approval, if any:

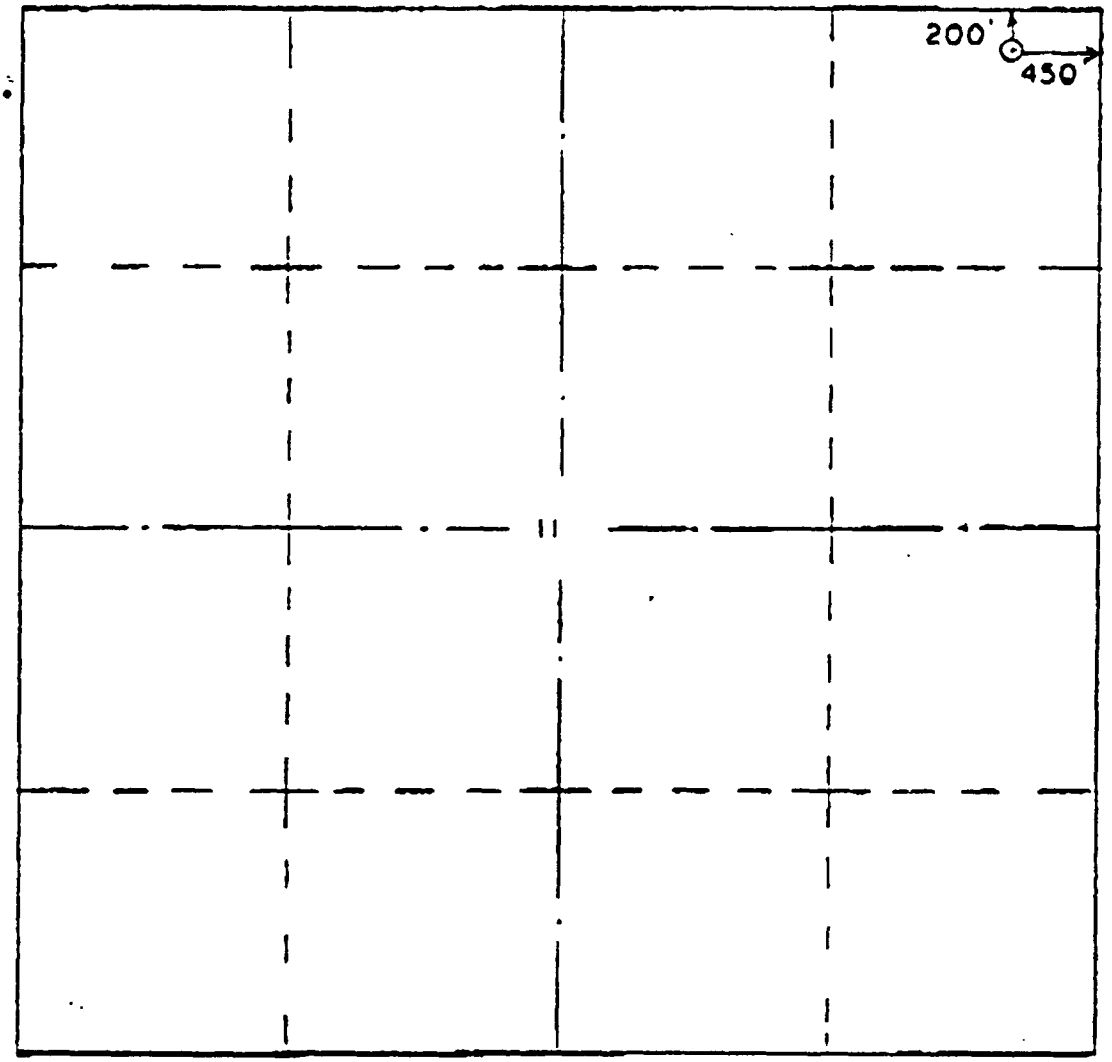
DATE: 9/27/90

*See Instructions On Reverse Side

(3/89)

SPACING: R615-3-3

WELL LOCATION AND ACREAGE DEDICATION PLAT





1"=1000'

WELL LOCATION DESCRIPTION:
CHUSKA ENERGY COMPANY, Corral 11 - A - 1
200'FNL & 450'FEL
Section 11, T.43 S., R.25 E., SLM
San Juan, UT.
5168' ground elevation
State plane coordinates from sesmic control:
x = 2,690,214 y = 156,084

The above plat is true and correct to my knowledge and belief.

REGISTERED LAND SURVEYOR No. 5705 GERALD G. HUDDLESTON STATE OF UTAH

14 August 1990

Gerald G. Huddleston, LS

213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330

CHUSKA ENERGY COMPANY

10 POINT DRILLING PLAN

Coral 11A Well No. 1
Section 11, Township 43S, Range 25E
200' FNL, 450' FEL
San Juan County, Utah

1. SURFACE FORMATION

Geological name of surface formation: Dakota

2. ELEVATION

Surface elevation is 5,168' GR.

3. ESTIMATED FORMATION TOPS

| Depth | Formation | Sub Sea Elevation | |
|---|---|---|---|
| Surface | Dakota | + 5,168' | |
| 168' | Morrison | + 5,000' | |
| 1,268' | Navajo | + 3,900' | |
| 3,043' | DeChelly | + 2,125' | |
| 3,328' | Organ Rock | + 1,840' | |
| 3,968' | Cedar Mesa | + 1,200' | |
| 4,923' | Hermosa | + 245' | |
| 5,814' | Upper Ismay | - 646' | |
| 5,911' | Lower Ismay | - 743' | |
| 6,041' | Desert Creek | - 873' | Primary Objective |
| 6,241' | Akah | - 1,073' | |
| 6,341' | Total Depth | - 1,173' | |

4. PROPOSED CASING/CEMENTING PROGRAM

| | Depth | Size | Weight | Grade | Coupling |
|---|---|---|---|---|---|
| Surface | 500' | 8 5/8" | 24 lb | K-55 | STC |
| Production: | 6,341' | 5 1/2" | 15.5 lb | K-55 | STC |

Surface Cementing:

371 sx (427 $ft^3$) Class 'G' cement with 2% $CaCl_2$ and 1/4 lb/sk Celloflake. Weight = 15.8 ppg, yield = 1.15 $ft^3$/sk. Slurry volume calculated at 100% excess over annular volume.

Production Cementing:

First Stage

T.D. to 3,900' (stage collar @ ± 3,900'). Lead with 172 sx Class 'G' cement, 65:35 Pozmix, with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 $ft^3$/sk. Tail with 206 sx Class 'G' cement with 2% $CaCl_2$. Weight = 15.8 ppg, yield = 1.15 $ft^3$/sk. Total of 555 $ft^3$. Bring Class 'G' slurry to 500' above top of Upper Ismay. Cement volumes calculated at 30% excess in open hole.

Second Stage

3,900' to surface. Lead with 404 sx Class 'G' cement, 65:35 Pozmix with 6% gel and 1/4 lb/sk Celloflake. Weight = 12.7 ppg, yield = 1.85 ft/sk. Tail with 100 sx Class 'G' cement with 2% $CaCl_2$. Weight = 15.8 ppg, yield = 1.15 $ft^3$/sk. Total of 862 $ft^3$. Cement volumes calculated at 30% excess in open hole.

Note: Exact slurry volumes for the production string will be adjusted according to the caliper log which will be run prior to cementing. Special adjustments may be necessary if significant amounts of salt are drilled.

5. BLOWOUT PREVENTER (See attached schematics)

As abnormal pressure is not anticipated, a 2,000 psi BOP system would be sufficient for the drilling of this well. However, due to availability constraints, a 3,000 psi system will be used, as per the attached Exhibits "A" and "B". This will be a 10" x 900 Series double ram preventer, equipped with a set of pipe and blind rams.

An accumulator system, with a pressure capacity sufficient to operate the rams three complete cycles without rig power, will be required as part of the rig equipment.

6. PROPOSED MUD PROGRAM

Surface to 5,300'

Fresh water, gel, lime and native solids. Weight 8.3 - 8.7 ppg. Gel/lime sweeps as necessary for hole cleaning.

5,300' to T.D.

Low solids, non-dispersed polymer system. Weight 8.6 - 9.5 ppg. Gel/lime sweeps as hole conditions dictate for hole cleaning. Fluid loss to be maintained at 15 - 20 cc. Fluid loss to be further reduced to 15 cc or less prior to coring, logging or DSTs.

7. AUXILIARY EQUIPMENT

A. A kelly cock will be installed during drilling operations, with handle available on the rig floor.

B. Floor (stabbing) valves will be available, on the rig floor at all times, with necessary subs to fit all of the drilling assemblies.

C. Mud will be the circulating fluid. No abnormal formation pressures are expected.

8. WELL EVALUATION

Open hole electric logging program will consist of a minimum program of DLL-MSFL-SP-GR-Cal, FDC-CNL-GR-Lithodensity from T.D. to 4,500'.

Drill stem testing will be as per the wellsite geologist's recommendations, based on shows. A mud logging unit will be utilized during drilling operations from at least 500' above the Upper Ismay.

9. ABNORMAL PRESSURES/GAS

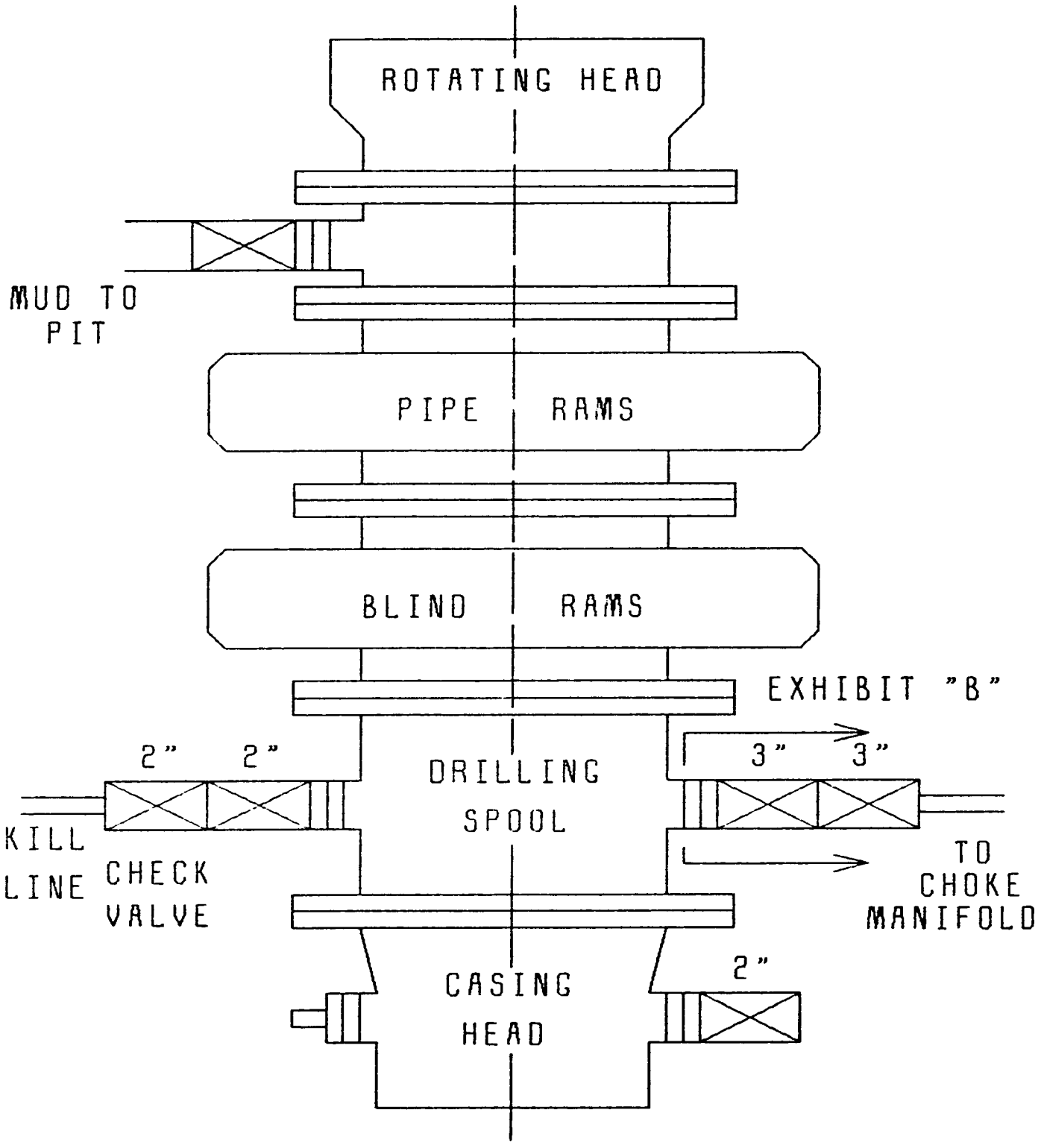
Abnormal pressures are not anticipated. Monitoring of gas and hydrocarbon shows will be by wellsite mud logging unit. $H_2S$ gas is not anticipated, however regular checks will be made while drilling the well.

10. TIMING

The drilling and evaluation of this well is estimated to be 20 days. Anticipated spud date is 11-15-90.

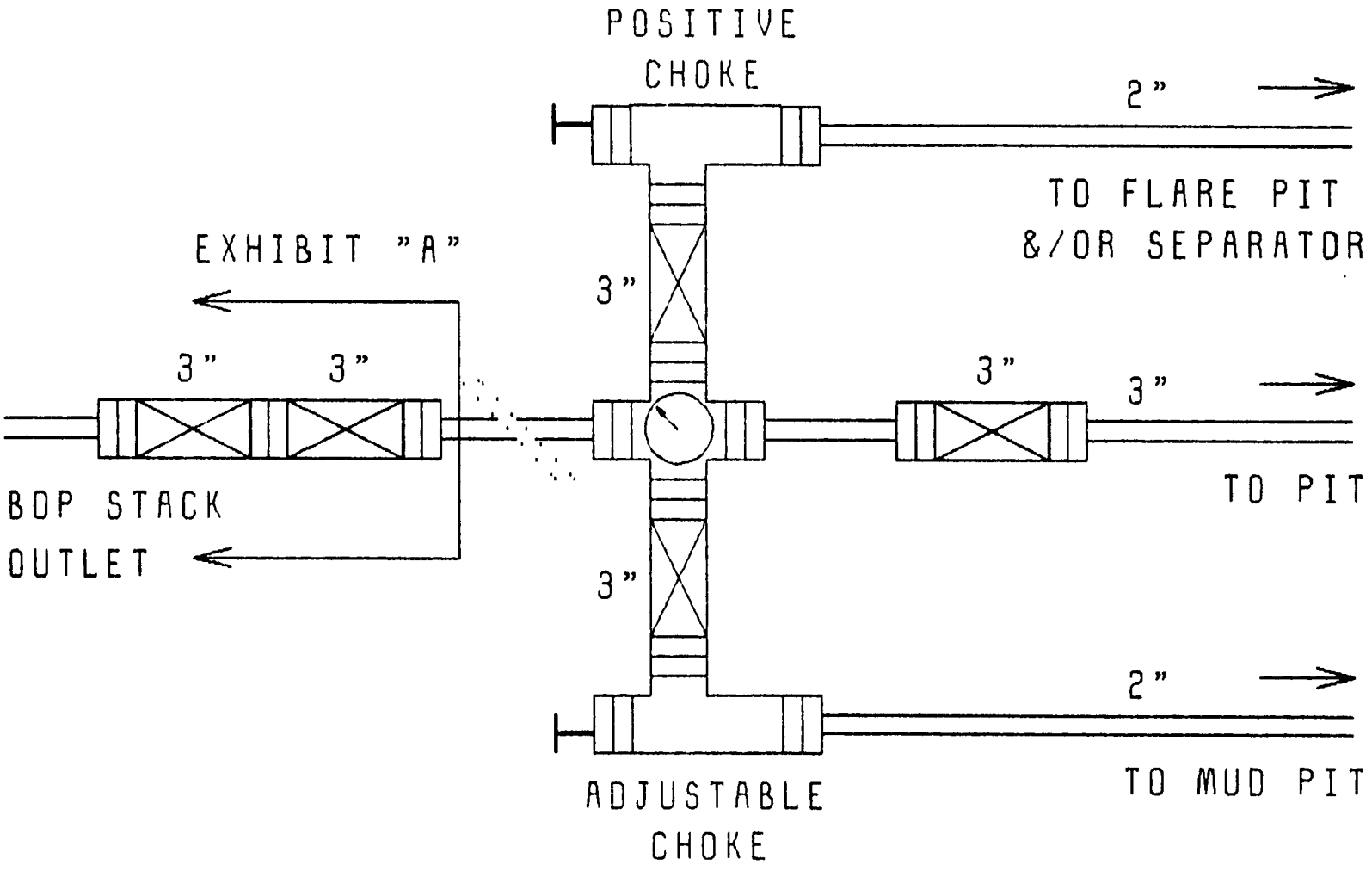
# EXHIBIT "A"

## BLOWOUT PREVENTER



# EXHIBIT "B"

# CHOKE MANIFOLD



# DETAILED DRILLING PROGRAM

DATE: 15 August, 1990

WELL NAME: Coral 11A WELL NO.: 1

LOCATION: Section 11, Township 43S, Range 25E
200' FNL, 450' FEL
San Juan County, Utah

ELEVATION: 5,168' GR

TOTAL DEPTH: 6,341' GR

PROJECTED HORIZON: Primary target is Desert Creek at 6,041'.

## DRILLING, CASING AND CEMENTING PROGRAM

1. Move in and rig up rotary tools. Notify BLM of time of spud and intent to run surface casing.

2. Drill mouse hole and rat hole. Mix mud prior to spudding well.

3. Drill 12 1/4" hole to ± 500'. Use fresh water gel/lime spud mud for drilling surface hole. Well bore inclination is not to exceed 1° at 500'. Deviation surveys will be run at least at 250' and at casing point.

4. Run 8 5/8", 24 lb/ft, K-55, STC casing to T.D. Cement with 371 sx (427 $ft^3$) of Class 'G' cement with 2% $CaCl_2$ and 1/4 lb/sk Celloflake (sufficient slurry volume to circulate cement to surface)

5. W.O.C. a minimum of 4 hours prior to nippling up BOP stack and related equipment. See BOP schematics for details.

6. Ensure that plug has been down at least 8 hours prior to commencing pressure testing procedures. Pressure test BOP to 2,000 psig for 30 minutes. Pressure test manifold and all related equipment to 2,000 psig. Pressure test casing to 1,500 psig for 30 min.

7. Drill out surface casing with 7 7/8" bit. Drill 7 7/8" hole to T.D. Deviation surveys are to be taken every 500' or on a bit trip, whichever occurs first. Maximum allowable deviation will be 5° at T.D., with the maximum allowable rate of change to be 1°/100'.

8. Run open hole logs and evaluate. Drill stem testing will be as per the wellsite geologist's recommendation.

9. If the well is determined to be productive, run 5 1/2", 15.5 lb/ft, K-55, STC casing to T.D. Set stage cementing collar at ± 3,900'. In addition to placing centralizers over potential production zones, they will also be run to cover the aquifer sands of the Navajo and DeChelly formations, as per BLM stipulations. Cement production casing in two stages as per cementing program in 10-point Drilling Plan.

10. Nipple down BOPE. Set 5 1/2" casing slips and cut off casing. Install well head. Release drilling rig and move rig off location.

11. If well is non-productive it will be plugged and abandoned as per State, BLM and Navajo Tribal stipulations.

Coral 11A Well No. 1
Section 11, Township 43S, Range 25E
200' FNL, 450' FEL
San Juan County, Utah

GENERAL COMPLETION PROCEDURE

If the well is determined to be productive, move in completion rig. Perforate, acidize, and test each productive porosity zone. Completion work will commence after Sundry Notice approval is received. Detailed procedures will follow.

PLUGGING AND ABANDONMENT

If the well is determined not to be productive, the well bore will be plugged as per BLM, State and Navajo Tribal requirements.

Coral 11A Well No. 1
Section 11, Township 43S, Range 25E
200' FNL, 450' FEL
San Juan County, Utah

# SURFACE USE PLAN

## 1. EXISTING ROADS

Shown on the attached topographic map are the existing roads in the immediate area. Outlined is the route to be followed from Montezuma Creek. Existing roads will be maintained, as necessary, while operations are in progress.

## 2. PLANNED ACCESS ROAD (SHOWN IN RED)

The access road will be as shown on the attached topographic map. The road will be flat bladed, constructed 14' in width and will be maintained as necessary to prevent excessive damage to the existing terrain. The road will be upgraded if commercial production is established. It is anticipated that less than 500' of new road will be required to be constructed to the location pad.

## 3. LOCATION OF EXISTING WELLS & TANK BATTERIES

There are no other producing wells or facilities in the immediate area.

## 4. LOCATION OF EXISTING AND PROPOSED FACILITIES

No production facilities are presently in place. Should the well prove to be productive, facilities (tank battery etc) will be sited on the drilling location pad.

## 5. LOCATION & TYPE OF WATER SUPPLY

Water will be acquired from the San Juan River and will be hauled using Chuska Energy Company water trucks, under State of Utah Division of Water Rights Permit Number 09-1722, (T64794).

## 6. SOURCE OF CONSTRUCTION MATERIALS

The need for additional construction materials is not anticipated. In the event that additional materials are required, they will be acquired either from private sources or with the approval of the Navajo Nation.

7. METHODS OF HANDLING WASTE MATERIAL

Trash will be contained on location in an enclosed bin. It will be hauled to an approved disposal site or burned on location if a burning permit is granted. The reserve pit will be lined, with an approved 7 mil liner, for containing drilling fluids. The pit will also be fenced. All drilling fluids, cuttings and chemical waste will be stored in the reserve pit. Liquid hydrocarbons will be stored in temporary storage tanks and hauled from location to approved sales facilities. The reserve pit will be emptied, back filled and restored to natural terrain status upon completion of drilling operations.

8. ANCILLARY FACILITIES

Chemical portable toilet facilities will be provided on location during drilling and completion operations. No camps or air strips are planned for this well.

9. WELL SITE LAYOUT

Attached is a surveyor's staking plat, cut and fill requirements and a schematic of the proposed rig layout.

10. PLANS FOR RESTORATION OF THE SURFACE

The location is laid out on a south west/north east trend and will require up to 31' of cut in the reserve pit (up to 9' of cut in the western corner of the location pad) and up to 12' of fill in the eastern corner of the location pad. Top soil removed from the pad will be stored at the well site. A reserve pit will be built on terrain containing sparse native vegetation. After drilling operations are complete, drilling fluid in the reserve pit will be allowed to evaporate. All remaining fluid in the pit will be disposed of into an approved disposal site. The reserve pit will remain fenced during the evaporation and disposal process. The pit will then be covered and the topsoil will be returned to the disturbed area. The terrain will be returned as near to its original condition as possible. Following operations, rehabilitation seeding will be in accordance with APD/BLM/BIA stipulations. There are no residents in the immediate area of the site.

11. OPERATORS REPRESENTATIVE

CHUSKA ENERGY COMPANY
315 NORTH BEHREND AVENUE
FARMINGTON, NEW MEXICO 87401
LARRY G. SESSIONS

12. CERTIFICATION

I hereby certify that either I, or persons under my direct supervision have inspected the proposed drill site and access route: that I am familiar with the conditions which presently exist: that the statements made in this plan are, to the best of my knowledge, true and correct and that the work planned will be performed by Chuska Energy, or its sub-contractors, in conformity with the terms and conditions under which it is approved.

Larry G. Sessions

LARRY G. SESSIONS
Operations Manager

CHUSKA ENERGY COMPANY

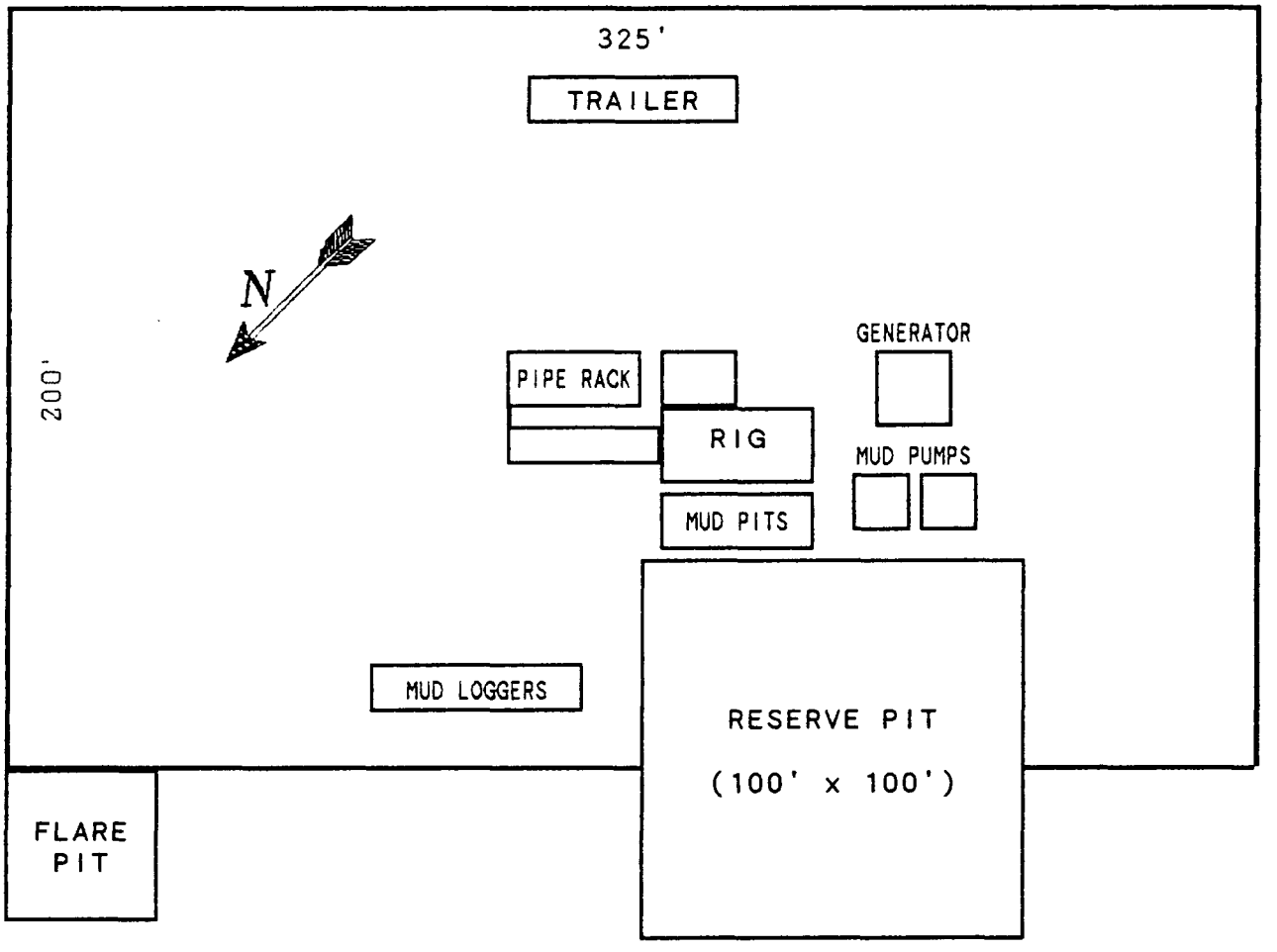
LOCATION LAYOUT

# CORAL 11A-1

200' FNL, 450' FEL

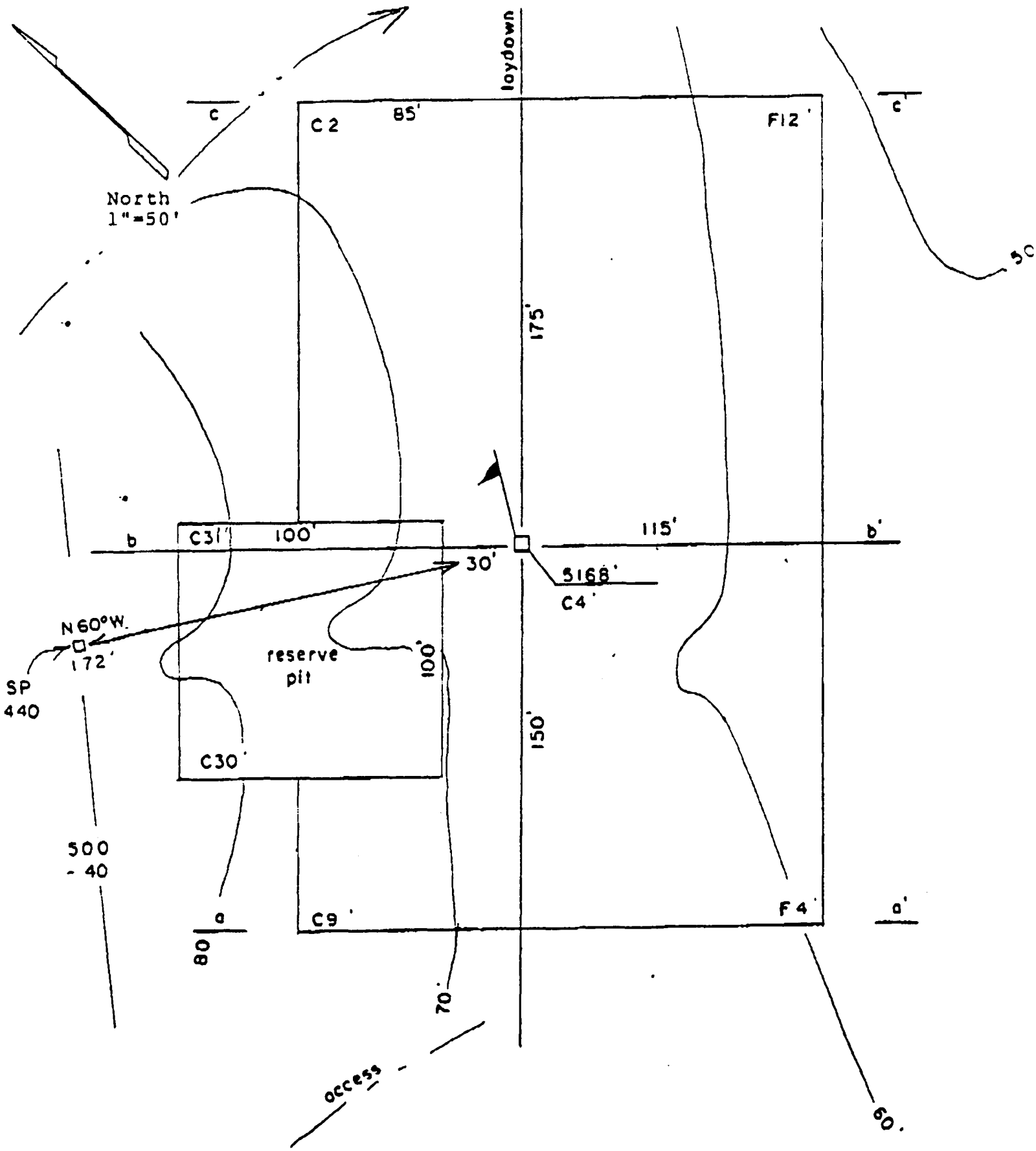
SECTION 11, TOWNSHIP 43S, RANGE 25E

SAN JUAN COUNTY, UTAH



Plan View Sketch

Cor al 11 - A - 1

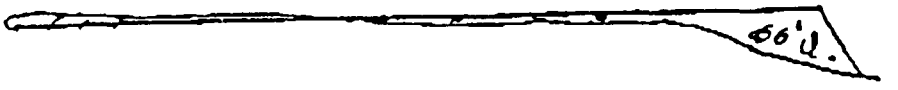


Cross Section

Cor al 11 - A - 1

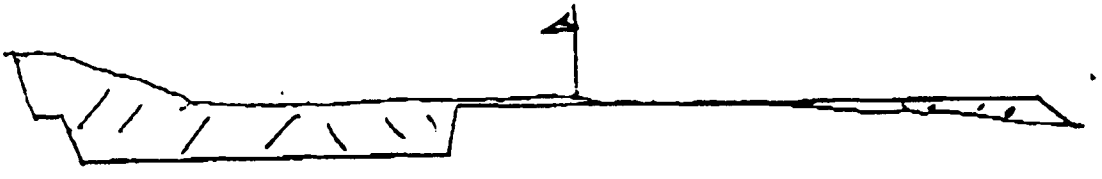
Cut ////
Fill : o

1"=50' Horz. & Vert.




c

c'

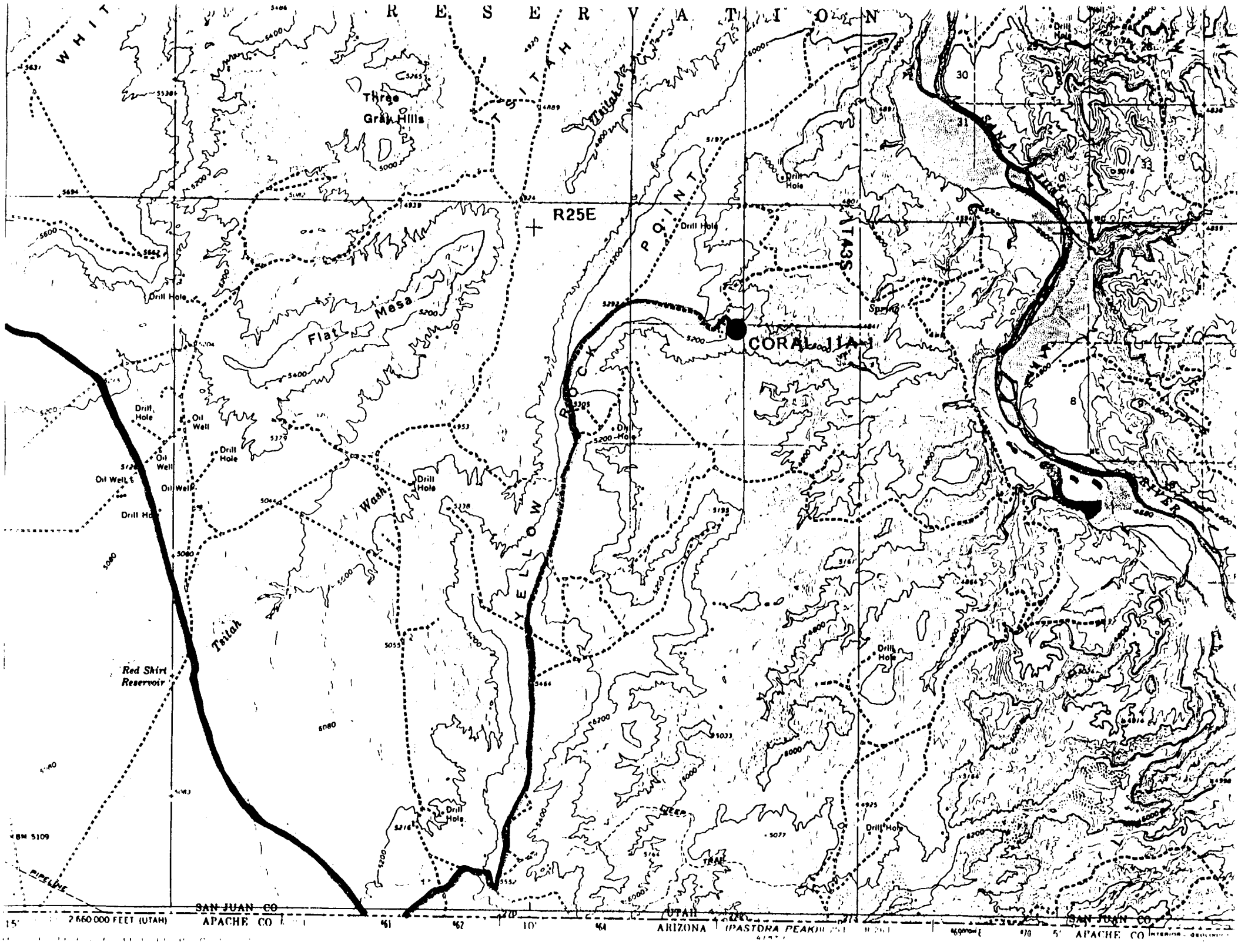


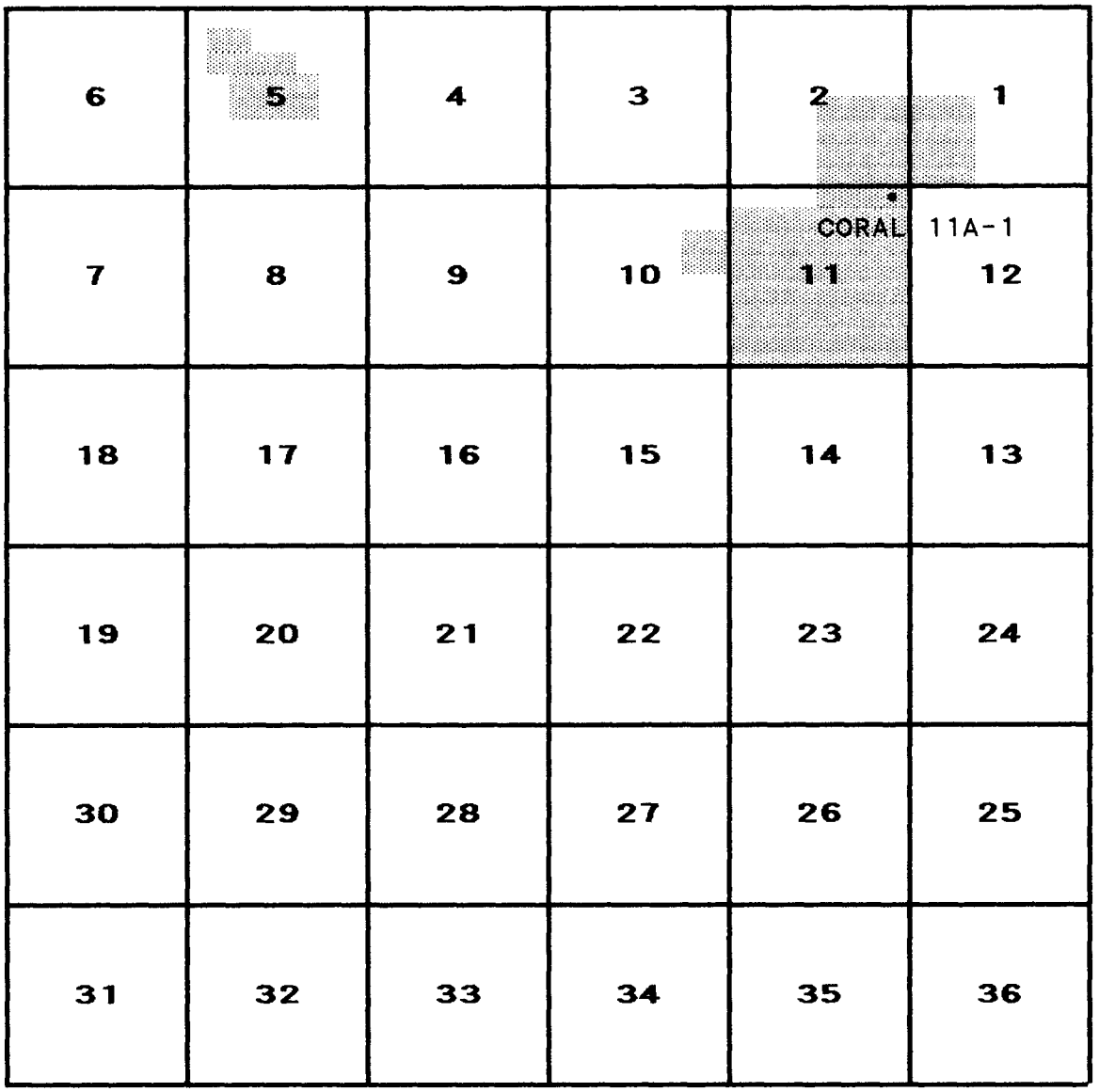
b

b'

a

a'


WHIT
R E S E R V A T I O N
Three Gray Hills
T 41 S
R25E
Tsitah
Drill Hole
Flat Mesa
T43S
ROCK POINT
CORAL 1A-1
Spring
Oil Well
Wash
YELLOW
Tsitah
Red Shirt Reservoir
BM 5109
PIPELINE
TRAIL
SAN JUAN CO
APACHE CO
UTAH
ARIZONA
IPASTORA PEAK
2 660 000 FEET (UTAH)




**CHUSKA ENERGY COMPANY**

ACREAGE POSITION UNDER THE 1987 OPERATING AGREEMENT

CHUSKA: T43S-R25E, SAN JUAN COUNTY, UTAH

STATE ACTIONS

Mail to:
RDCC Coordinator
116 State Capitol
Salt Lake City, Utah 84114

1. ADMINISTERING STATE AGENCY
OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

2. STATE APPLICATION IDENTIFIER NUMBER:
(assigned by State Clearinghouse)

3. APPROXIMATE DATE PROJECT WILL START:
November 15, 1990

4. AREAWIDE CLEARING HOUSE(s) RECEIVING STATE ACTIONS:
(to be sent out by agency in block 1)
Southeastern Utah Association of Governments

5. TYPE OF ACTION: /_/ Lease /X/ Permit /_/ License /_/ Land Acquisition
/_/ Land Sale /_/ Land Exchange /_/ Other _____

6. TITLE OF PROPOSED ACTION:
Application for Permit to Drill

7. DESCRIPTION:
Chuska Energy Company proposes to drill a wildcat well, the Coral 11A #1, on Navajo Tribal lease number NOG 8702-1116 in San Juan County, Utah. This action is being presented to RDCC for consideration of resource issues affecting state interests. The U.S Bureau of Land Management or the Bureau of Indian Affairs is the primary administrative agency in this case and must issue approval to drill before operations can commence.

8. LAND AFFECTED (site location map required) (indicate county)
NE/4, NE/4, Section 11, Township 43 South, Range 25 East, San Juan County, Utah

9. HAS THE LOCAL GOVERNMENT(s) BEEN CONTACTED?
Unknown

10. POSSIBLE SIGNIFICANT IMPACTS LIKELY TO OCCUR:
No significant impacts are likely to occur

11. NAME AND PHONE NUMBER OF DISTRICT REPRESENTATIVE FROM YOUR AGENCY NEAR PROJECT SITE, IF APPLICABLE:

12. FOR FURTHER INFORMATION, CONTACT:
John Baza
PHONE: 538-5340

13. SIGNATURE AND TITLE OF AUTHORIZED OFFICIAL
John R. Baza
DATE: 8-29-90 Petroleum Engineer

WOI186

OPERATOR Chuska Energy Company DATE 8-24-90

WELL NAME Coral 11A #1

SEC NENE 11 T 43S R 25E COUNTY San Juan

43-037-31554
API NUMBER

Indian (2)
TYPE OF LEASE

CHECK OFF:

[↘] PLAT [↘] BOND [↘] NEAREST WELL

[↘] LEASE [↘] FIELD SLBM [↘] POTASH OR OIL SHALE

PROCESSING COMMENTS:

Exception location
Water Permit 09-1720 (T64794)
ROCC 8-24-90

APPROVAL LETTER:

SPACING: [ ] R615-2-3 N/A UNIT [ ] R615-3-2

[ ] N/A CAUSE NO. & DATE [↘] R615-3-3

STIPULATIONS:

CONFIDENTIAL PERIOD EXPIRED ON 5-7-92

0218T

Norman H. Bangerter
Governor
Dee C. Hansen
Executive Director
Dianne R. Nielson, Ph.D.
Division Director

# State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
801-538-5340

September 22, 1990

Chuska Energy Company
P. O. Box 780
Farmington, New Mexico 87499

Gentlemen:

Re: Coral 11A #1 - NE NE Sec. 11, T. 43S, R. 25E - San Juan County, Utah
200' FNL, 450' FEL

Approval to drill the referenced well is hereby granted in accordance with Rule R615-3-3, Oil and Gas Conservation General Rules.

In addition, the following actions are necessary to fully comply with this approval:

1. Spudding notification within 24 hours after drilling operations commence.

2. Submittal of an Entity Action Form within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.

3. Submittal of the Report of Water Encountered During Drilling, Form 7.

4. Prompt notification if it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or Jim Thompson, Lead Inspector, (Home) 298-9318.

5. Compliance with the requirements of Rule R615-3-20, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.

7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31554.

Sincerely,

R. J. Firth
Associate Director, Oil & Gas

tas
Enclosures
cc: Bureau of Land Management
Bureau of Indian Affairs
J. L. Thompson
we14/1-16

# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499


14 November, 1990



State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Building, Suite 350
Salt Lake City, Utah 84180-1203

Ref: Sundry Notice: Coral 11A-1 Well
Move Location

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice.

Please advise if you require additional information concerning this submission.

Sincerely,

Larry G. Sessions
Operations Manager

LGS/cswh
File: C:\WP51\CORAL.11A\SUNCOVER

encl.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

1. OIL WELL ☐ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chuska Energy Company

8. FARM OR LEASE NAME: Coral 11A

3. ADDRESS OF OPERATOR: P.O. Box 780, Farmington, New Mexico 87499

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 200' FNL, 470' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-037-31554 | 5,168' GR | San Juan | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) | | | ☐ |
| (Other) Move Location | | | X | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |
| APPROX. DATE WORK WILL START: 1-29-91 | | | | DATE OF COMPLETION: | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Following re-evaluation of acreage, the location of the well has been moved. Details are as follows:

| Old Location: | New Location: |
|---|---|
| 200' FNL | 200' FNL |
| 450' FEL | 470' FEL |

Refer to attached revised surveyor's staking plat.

18. I hereby certify that the foregoing is true and correct

SIGNED: Christopher S.W. Hill TITLE: Petroleum Engineer DATE: 14 November, 1990

(This space for Federal or State office use)

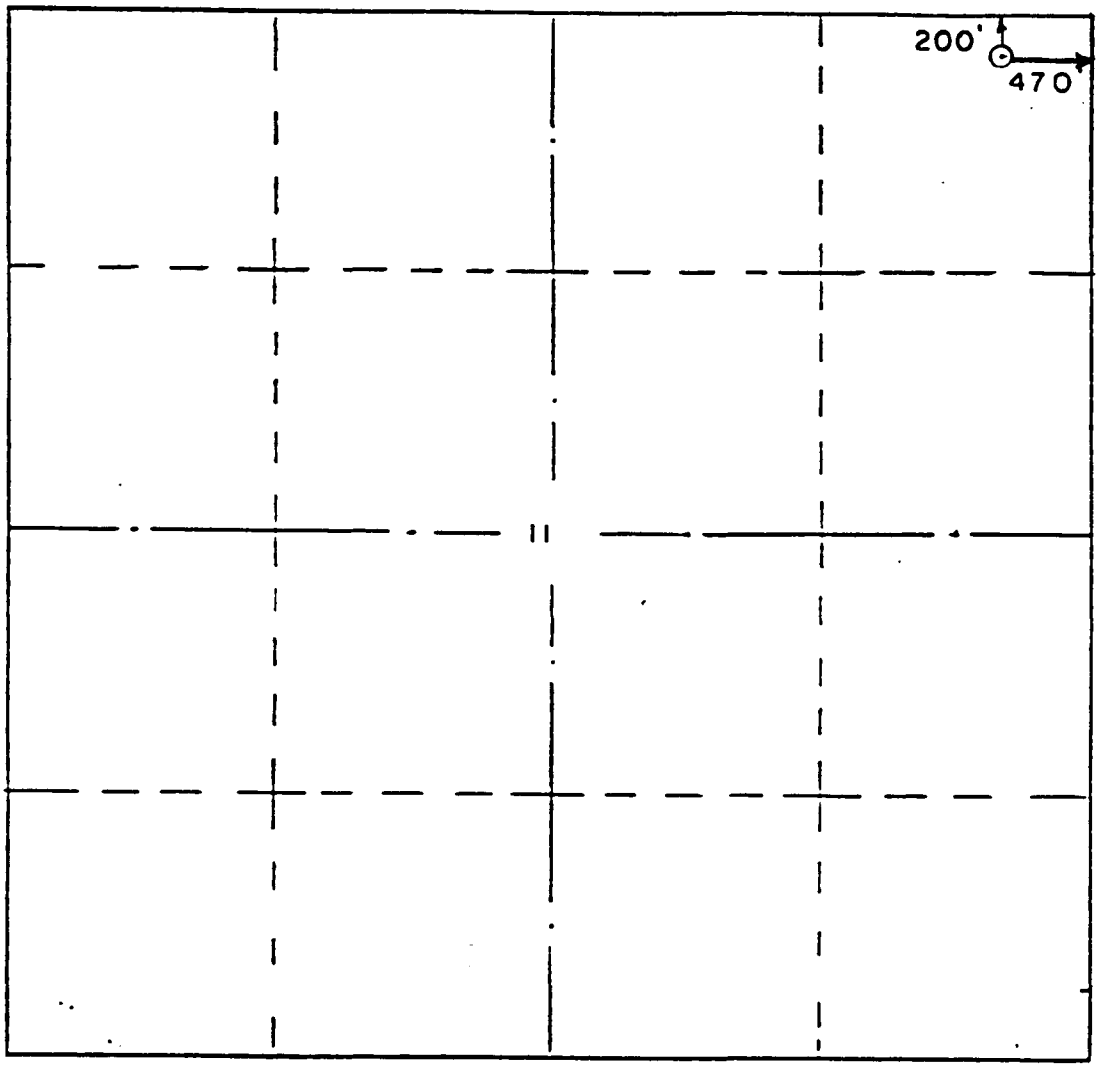
APPROVED BY _____ TITLE _____ DATE _____

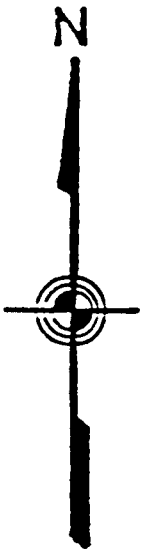
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

WELL LOCATION AND ACREAGE DEDICATION PLAT




1"=1000'

WELL LOCATION DESCRIPTION:
CHUSKA ENERGY COMPANY, Corral 11 - A - 1
200'FNL & 470'FEL
Section 11, T.43 S., R.23 E., SLM
San Juan, UT.
5168' ground elevation
State plane coordinates from sesmic control:
x = 2,690,194 y = 156,084

The above plat is true and correct to my knowledge and belief.

REGISTERED LAND SURVEYOR No. 5705 GERALD G. HUDDLESTON STATE OF UTAH

14 August 1990
13 Nov '90

Gerald G. Huddleston, LS

213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

1. OIL WELL ☐ GAS WELL ☐ OTHER

NOV 16 1990

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chuska Energy Company

8. FARM OR LEASE NAME: Coral 11A

3. ADDRESS OF OPERATOR: P.O. Box 780, Farmington, New Mexico 87499

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 200' FNL, 470' FEL
At proposed prod. zone: Same

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-037-31554 | 5,168' GR | San Juan | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) | | | |
| (Other) Move Location | | | X | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |
| APPROX. DATE WORK WILL START 1-29-91 | | | | DATE OF COMPLETION | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Following re-evaluation of acreage, the location of the well has been moved. Details are as follows:

| Old Location: | New Location: |
|---|---|
| 200' FNL | 200' FNL |
| 450' FEL | 470' FEL |

Refer to attached revised surveyor's staking plat.

18. I hereby certify that the foregoing is true and correct

SIGNED Christopher S. W. Hill TITLE Petroleum Engineer DATE 14 November, 1990

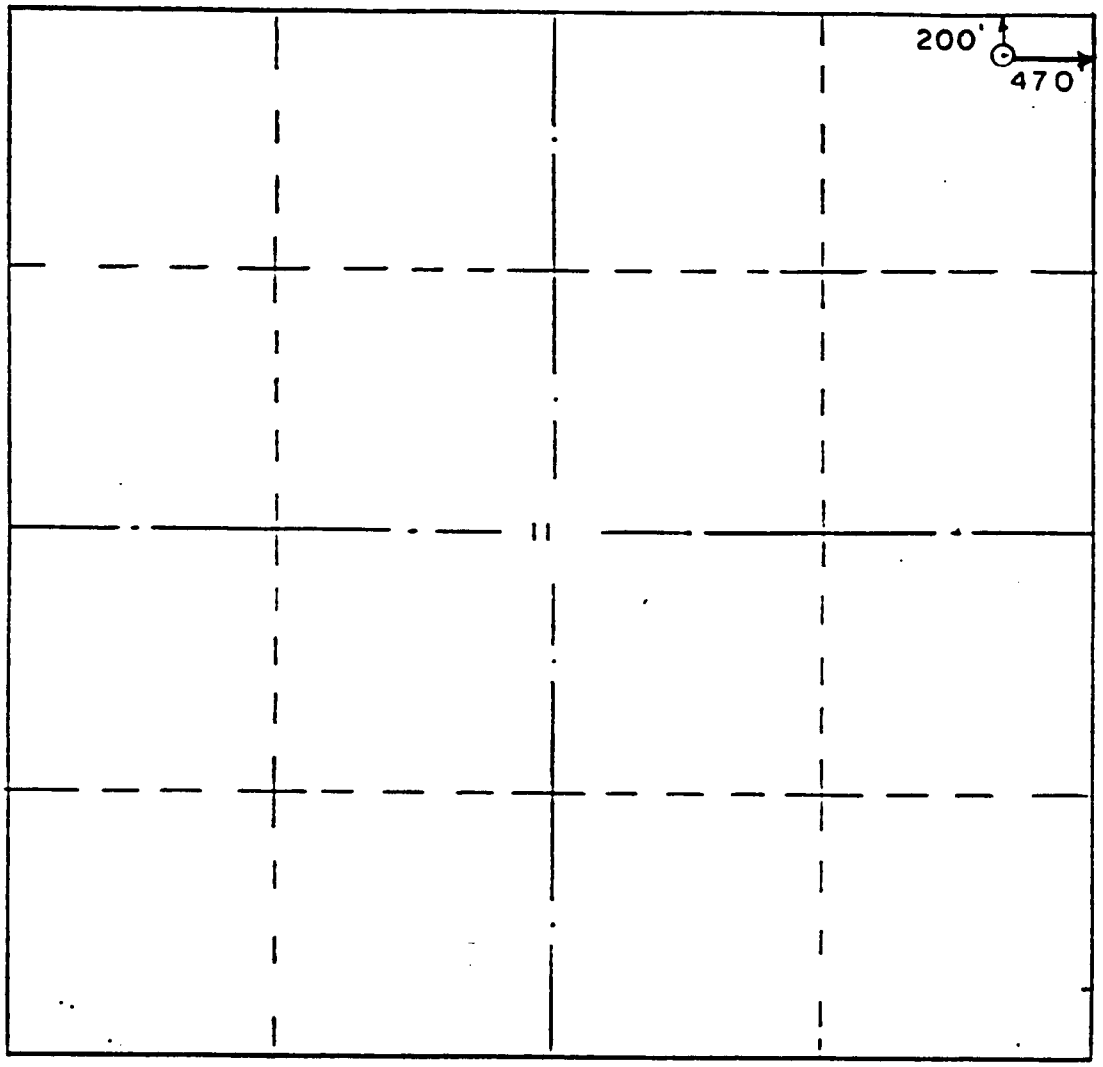
(This space for Federal or State office use)

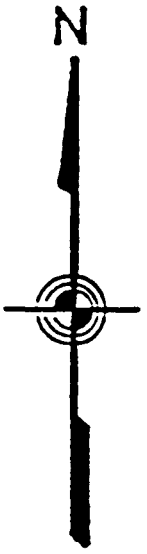
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

WELL LOCATION AND ACREAGE DEDICATION PLAT




1"=1000'

WELL LOCATION DESCRIPTION:
CHUSKA ENERGY COMPANY, Corral 11 - A - 1
200'FNL & 470'FEL
Section 11, T.43 S., R.23 E., SLM
San Juan, UT.
5168' ground elevation
State plane coordinates from sesmic control:
x = 2,690,194 y = 156,084

The above plat is true and correct to my knowledge and belief.

REGISTERED LAND SURVEYOR NO. 5705 GERALD G. HUDDLESTON STATE OF UTAH

14 August 1990
13 Nov '90

Gerald G. Huddleston, LS

213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals)

RECEIVED
NOV 16 1990
DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

1. OIL WELL ☐ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chuska Energy Company

8. FARM OR LEASE NAME: Coral 11A

3. ADDRESS OF OPERATOR: P.O. Box 780, Farmington, New Mexico 87499

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 200' FNL, 470' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-037-31554 | 5,168' GR | San Juan | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) | | | |
| (Other) Move Location | | | X | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |
| APPROX. DATE WORK WILL START: 1-29-91 | | | | DATE OF COMPLETION: | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

Following re-evaluation of acreage, the location of the well has been moved. Details are as follows:

| Old Location: | New Location: |
|---|---|
| 200' FNL | 200' FNL |
| 450' FEL | 470' FEL |

Refer to attached revised surveyor's staking plat.

18. I hereby certify that the foregoing is true and correct

SIGNED: Christopher S.M. Hill TITLE: Petroleum Engineer DATE: 14 November, 1990

(This space for Federal or State office use)

APPROVED BY: _____ TITLE: _____ DATE: _____

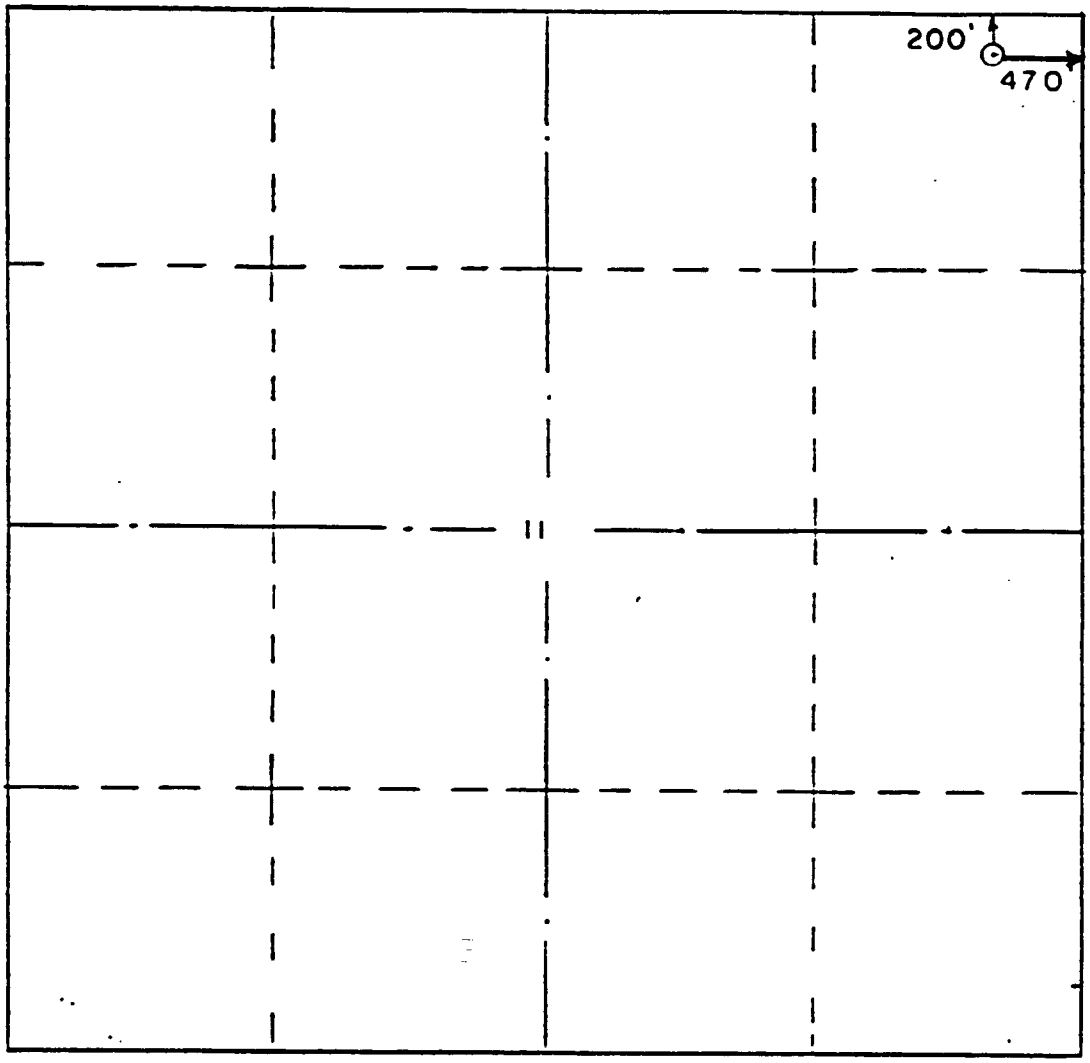
CONDITIONS OF APPROVAL, IF ANY:

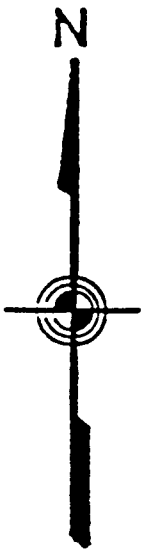
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: _____
BY: _____

See Instructions On Reverse Side

(3/89)

WELL LOCATION AND ACREAGE DEDICATION PLAT




1"=1000'

WELL LOCATION DESCRIPTION:
CHUSKA ENERGY COMPANY, Corral 11 - A - 1
200'FNL & 470'FEL
Section 11, T.43 S., R.23 E., SLM
San Juan, UT.
5168' ground elevation
State plane coordinates from sesmic control:
x = 2,690,194 y = 156,084

The above plat is true and correct to my knowledge and belief.

REGISTERED LAND SURVEYOR
No. 5705
GERALD G. HUDDLESTON
STATE OF UTAH

14 August 1990
13 Nov '90

Gerald G. Huddleston, LS

213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330

Form 3160-5
(November 1983)
(formerly 9-331)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE* (Other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

| | |
|---|---|
| 1. OIL WELL ☐ GAS WELL ☐ OTHER | 5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116 |
| 2. NAME OF OPERATOR: Chuska Energy Company | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal |
| 3. ADDRESS OF OPERATOR: P.O. Box 780, Farmington, New Mexico 87499 | 7. UNIT AGREEMENT NAME |
| 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface: 200' FNL, 470' FEL | 8. FARM OR LEASE NAME: Coral 11A |
| | 9. WELL NO.: 1 |
| | 10. FIELD AND POOL, OR WILDCAT: Wildcat |
| | 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E |
| 14. PERMIT NO.: 43-037-31554 DRL | 15. ELEVATIONS (Show whether DF, RT, GR etc.): 5,168' GR |
| | 12. COUNTY OR PARISH: San Juan |
| | 13. STATE: Utah |

RECEIVED
NOV 16 1990
DIVISION OF OIL, GAS & MINING

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) | | | ☐ |
| (Other) Move Location | | | X | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Following re-evaluation of acreage, the location of the well has been moved. Details are as follows:

| Old Location: | New Location: |
|---|---|
| 200' FNL | 200' FNL |
| 450' FEL | 470' FEL |

Refer to attached revised surveyor's staking plat.

18. I hereby certify that the foregoing is true and correct

SIGNED Christopher M. Hill TITLE Petroleum Engineer DATE 14 November, 1990

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

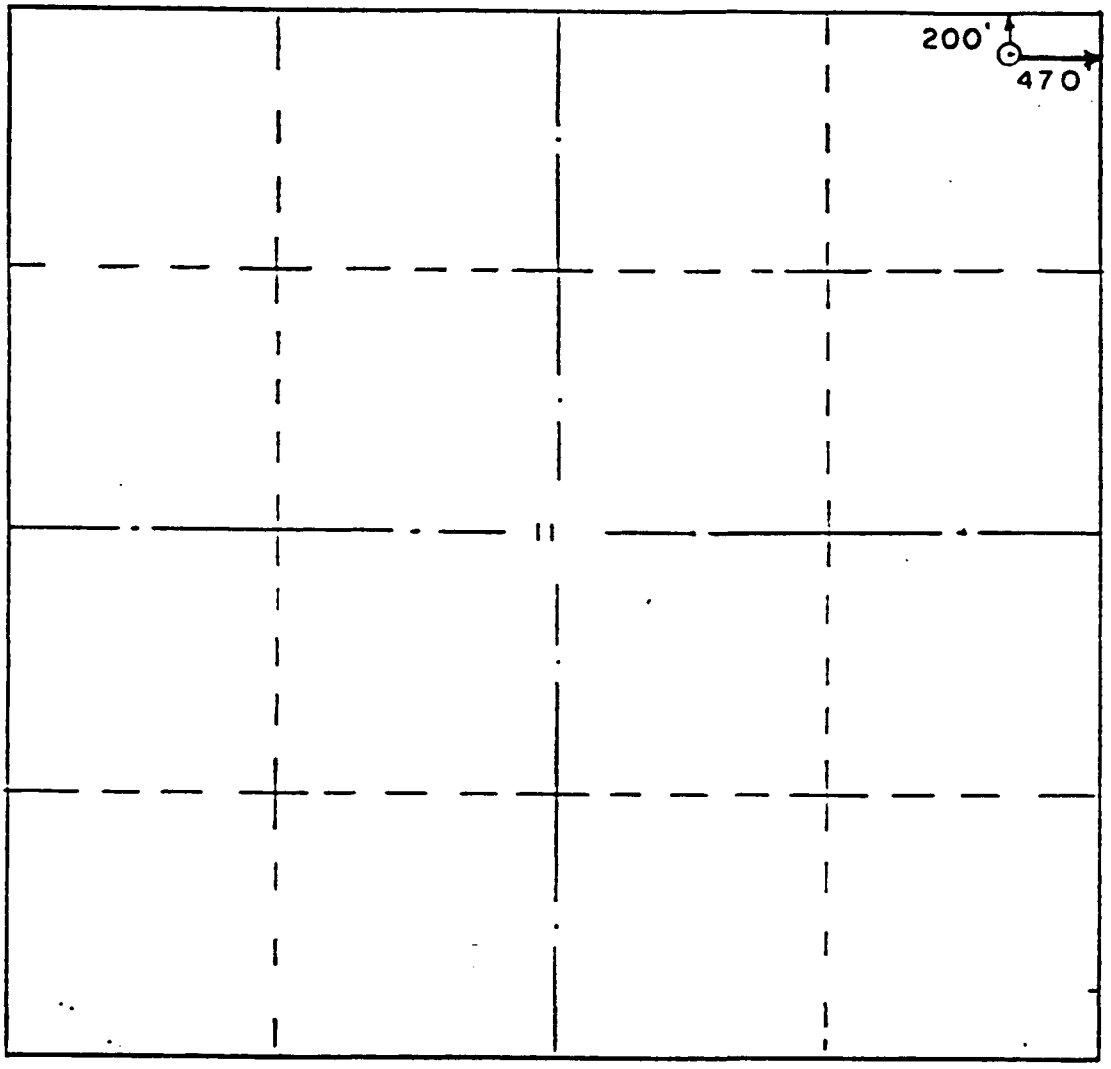
CONDITIONS OF APPROVAL, IF ANY:

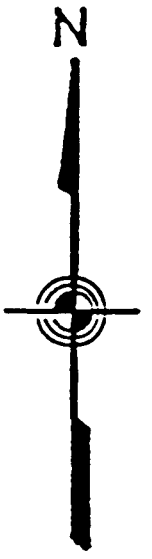
APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: _____
BY: _____

*See Instructions On Reverse Side

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

WELL LOCATION AND ACREAGE DEDICATION PLAT




1"=1000'

WELL LOCATION DESCRIPTION:
CHUSKA ENERGY COMPANY, Corral 11 - A - 1
200'FNL & 470'FEL
Section 11, T.43 S., R.23 E., SLM
San Juan, UT.
5168' ground elevation
State plane coordinates from sesmic control:
x = 2,690,194 y = 156,084

The above plat is true and correct to my knowledge and belief.

REGISTERED LAND SURVEYOR
No. 5705
GERALD G. HUDDLESTON
STATE OF UTAH

14 August 1990
13 Nov '90

Gerald G. Huddleston, LS

213 East Montezuma Avenue • Cortez, Colorado 81321 • 303-565-3330

# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499




22 January, 1991

State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Building, Suite 350
Salt Lake City, Utah 84180-1203

Ref: Sundry Notice: Coral 11A-1 Well
Spud and Set Surface Casing

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice.

Please advise if you require additional information concerning this submission.

Sincerely,

Larry G. Sessions
Operations Manager

LGS/cswh
File: C:\WP51\CORAL.11A\SPUDSUN.CVR

encl.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

1. OIL WELL ☐ GAS WELL ☐ OTHER

JAN 25 1991

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chuska Energy Company

DIVISION OF OIL, GAS & MINING

8. FARM OR LEASE NAME: Coral 11A

3. ADDRESS OF OPERATOR: 3315 Bloomfield Highway, Farmington, New Mexico 87401

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 200' FNL, 470' FEL

10. FIELD AND POOL, OR WILDCAT: Wildcat

At proposed prod. zone: Same

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-037-31554 | 5,168' GR | San Juan | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) Spud/Surface Casing | | | X |
| (Other) | | | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |
| APPROX. DATE WORK WILL START | | | | DATE OF COMPLETION | 1-21-91 | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

**Spudded 0030 hrs, 1-21-91, with Aztec Well Services Rig 184** (attempted to notify State of Utah of intended spud, at 1005 hrs, 1-20-91, but no one available to take call and no recording device available for messages). Drilled to 527'. Ran 12 joints 8 5/8", 24 lb/ft, K-55, STC casing with guide shoe and float collar and landed at 527'. Cemented with 400 sx Class 'G' cement with 2% $CaCl_2$ and 1/4 lb/sk Celloflake. Circulated 20 bbl cement to surface.

18. I hereby certify that the foregoing is true and correct

SIGNED Christopher S.W. Hill TITLE Operations Engineer DATE 22 January, 1991

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

OPERATOR Chuska Energy Company

OPERATOR ACCT. NO. N 9290

ADDRESS 3315 Bloomfield Highway, Farmington, New Mexico 87401

## ENTITY ACTION FORM - FORM 6

| ACTION CODE | CURRENT ENTITY NO. | NEW ENTITY NO. | API NUMBER | WELL NAME | WELL LOCATION QQ | SC | TP | RG | COUNTY | SPUD DATE | EFFECTIVE DATE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A | 99999 | 11163 | 43-037-31554 Ld | Coral 11A #1 | NE/NE | 11 | 43S | 25E | San Juan | 1-21-91 | |

WELL 1 COMMENTS:
Spudded 0030 hrs, 1-21-91, with Aztec Well Services Rig 184. Indian-Lease Field-Wildcat Unit-N/A Proposed Zone-Akah (New entity 11163 added 1-29-91) fg

WELL 2 COMMENTS:

WELL 3 COMMENTS:

WELL 4 COMMENTS:

WELL 5 COMMENTS:

RECEIVED
JAN 25 1991
DIVISION OF
OIL, GAS & MINING

ACTION CODES (See instructions on back of form)
- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

(3/89)

Signature

Operations Engineer — 1-22-91

Title — Date

Phone No. (505) 326 5525

# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499


5 February, 1991

State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Building, Suite 350
Salt Lake City, Utah 84180-1203

Ref: Sundry Notice: Coral 11A-1 Well
Notice of Intent to Abandon

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice.

Please advise if you require additional information concerning this submission.

Sincerely,

Larry G. Sessions

Larry G. Sessions
Operations Manager

LGS/cswh
File: C:\WP51\CORAL.11A\INTPASUN.CVR

encl.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

1. OIL WELL ☐ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chuska Energy Company

8. FARM OR LEASE NAME: Coral 11A

3. ADDRESS OF OPERATOR: 3315 Bloomfield Highway, Farmington, New Mexico 87401

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 200' FNL, 470' FEL
At proposed prod. zone: Same

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-037-31554 | 5,168' GR | San Juan | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | X | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☐ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) | | | ☐ |
| (Other) | | | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |

APPROX. DATE WORK WILL START: 2-6-91

DATE OF COMPLETION:

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

PROPOSED ABANDONMENT PROGRAM IS AS FOLLOWS:

| | | | |
|---|---|---|---|
| PLUG #1: | 6,290' - 5,857' | 260 SX | TO COVER DESERT CREEK, LOWER ISMAY AND UPPER ISMAY |
| PLUG #2: | 5,064' - 4,964' | 60 SX | TO COVER HERMOSA |
| PLUG #3: | 3,093' - 2,993' | 60 SX | TO COVER DE CHELLY |
| PLUG #4: | 1,316' - 1,216' | 60 SX | TO COVER CHINLE |
| PLUG #5: | 577' - 477' | 60 SX | TO COVER SURFACE CASING SHOE |
| PLUG #6: | 50' - 0' | 20 SX | SURFACE |

PLUGS #1, #2, #3, #5 AND #6 WILL BE CLASS 'G' NEAT CEMENT. DISPLACE WITH MUD.
PLUG #4 WILL BE CLASS 'G' NEAT CEMENT WITH 2% $CACL_2$. DISPLACE PLUG WITH MUD. AFTER DISPLACING, W.O.C. 4 HOURS. TAG PLUG TO ENSURE IT IS IN PLACE BEFORE PROCEEDING TO SET PLUGS #5 AND #6.
PLUGGING PROCEDURE NOTIFIED TO STATE OF UTAH (FRANK MATTHEWS) BY CHRIS HILL, AT 1335 HRS, 2-5-91. VERBAL APPROVAL RECEIVED.

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 2-13-91
BY: FRM Matthews

18. I hereby certify that the foregoing is true and correct

SIGNED: Christopher S.W. Hill TITLE: Operations Engineer DATE: 5 February, 1991

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

# ORAL APPROVAL TO PLUG AND ABANDON WELL

Operator C Ruska

Representative Chris Hall Telephone No. 505-326-5525

Well Name and No. Coral 11-A-1

Location NE 1/4 NE 1/4, Sec. 11 T. 43S R. 25E County San Juan

Lease Type (Federal, Tribal, State or Private) Tribal NO 8708-11-1

Has operator obtained proper Federal or Tribal approval? Yes

T. D. 6290 Open hole from 527 to 6290

| Hole Size | Casing Size | Set at | TOC | Pull Casing? |
|---|---|---|---|---|
| 7 7/8 | | | | |
| 12 1/4 | 8 5/8 | 527 | surface | No |
| | | | | |
| | | | | |

| Formation | Top | Base | Shows? |
|---|---|---|---|
| | | | N |
| | | | |
| | | | |
| | | | |

Plugging procedure:

| | | | |
|---|---|---|---|
| 1st plug | TD to 5857 | 260 sks | Desert Creek U/P Ismay |
| 2nd | 5064 to 4964 | 60 sks | Hermosa |
| 3rd | 3093 to 2993 | 60 sks | Wingate Chinle |
| 4th | 1316 to 1216 | 60 sks | Chinle |
| 5th | 577 to 477 | 60 sk | Surface Casing Shoe |
| 6th | 50 to surface | 20 sks | |

fourth plug to be tagged.

Remarks: (DST's, LCZ's, Water flows, etc.)

Probably start plugging this pm or tomorrow

Approved by JM Date 1:35 PM Time 2-5-91

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: Chuska COMPANY MAN: Bob wright

WELL NAME: Coral 11A-1 API #: 43-037-31554

QTR/QTR: NE NE SECTION: 11 TWP: 43S RANGE: 25E

CONTRACTOR: Actec 184 PUSHER/DRLR: _____

INSPECTOR: Glenn DATE: 1/24/91 OPERATIONS: Drilling

SPUD DATE: 1/21/91 TOTAL DEPTH: 2624

DRILLING AND COMPLETIONS

| | | | |
|---|---|---|---|
| Y APD | Y WELL SIGN | Y BOPE | Y RESERVE PIT |
| Y FLARE PIT | Y BURN PIT | ____ H2S | Y BLOOIE LINE |
| Y SANITATION | Y HOUSEKEEPING | ____ VENTED/FLARED | |

PLUGGING AND ABANDONMENT PRODUCING FM(S): _____

| PLUGS: | TYPE/SIZE | INTERVAL |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

PERFORATIONS: _____

CASING SIZE: _____ PULLED: YES / NO CUT AT: _____

PLUGS TESTED: _____ HOW: _____ WOC: _____

MARKER: SURFACE: _____ PLATE: _____

RECLAMATION:

CONTOURED: _____ RIPPED: _____ REHAB'D: _____

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: Drilling 2624'

# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499


8 February, 1991

State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Building, Suite 350
Salt Lake City, Utah 84180-1203

Ref: Sundry Notice: Coral 11A-1 Well
Plug and Abandon

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Sundry Notice.

Please advise if you require additional information concerning this submission.

Sincerely,

Larry G. Sessions

Larry G. Sessions
Operations Manager



LGS/cswh
File: C:\WP51\CORAL.11A\P&ASUN.CVR

encl.

FORM 9

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT--" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal

1. OIL WELL ☐ GAS WELL ☐ OTHER

7. UNIT AGREEMENT NAME:

2. NAME OF OPERATOR: Chuska Energy Company

8. FARM OR LEASE NAME: Coral 11A

3. ADDRESS OF OPERATOR: 3315 Bloomfield Highway, Farmington, New Mexico 87401

9. WELL NO.: 1

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)
At surface: 200' FNL, 470' FEL
At proposed prod. zone: Same

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: S11 T43S R25E

| 14. PERMIT NO. | 15. ELEVATIONS (Show whether DF, RT, GR etc.) | 12. COUNTY OR PARISH | 13. STATE |
|---|---|---|---|
| 43-037-31554 | 5,168' GR | San Juan | Utah |

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

| NOTICE OF INTENTION TO: | | | | SUBSEQUENT REPORT OF: | | | |
|---|---|---|---|---|---|---|---|
| TEST WATER SHUT-OFF | ☐ | PULL OR ALTER CASING | ☐ | WATER SHUT-OFF | ☐ | REPAIRING WELL | ☐ |
| FRACTURE TREAT | ☐ | MULTIPLE | ☐ | FRACTURE TREATMENT | ☐ | ALTERING CASING | ☐ |
| SHOOT OR ACIDIZE | ☐ | ABANDON* | ☐ | SHOOTING OR ACIDIZING | ☐ | ABANDONMENT* | ☒ |
| REPAIR WELL | ☐ | CHANGE PLANS | ☐ | (Other) | | | |
| (Other) | | | | (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log Form) | | | |
| APPROX. DATE WORK WILL START | | | | DATE OF COMPLETION | 2-7-91 | | |

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS: (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

* Must be accompanied by a cement verification report.

DRILLED TO 6,290',TD. LOGGED. P & A AS FOLLOWS:

| | | | |
|---|---|---|---|
| PLUG #1: | 6,290' - 5,857' | 260 SX | CLASS 'G' |
| PLUG #2: | 5,064' - 4,964' | 60 SX | CLASS 'G' |
| PLUG #3: | 3,093' - 2,993' | 60 SX | CLASS 'G' |
| PLUG #4: | 1,316' - 1,216' | 60 SX | CLASS 'G' + 2% $CACL_2$ - TAGGED PLUG AT 1,196' |
| PLUG #5: | 577' - 477' | 60 SX | CLASS 'G' |
| PLUG #6: | 50' - 0' | 20 SX | CLASS 'G' |

ALL PLUGS DISPLACED WITH MUD. RIG RELEASED 2200 HRS, 2-7-91. VERBAL APPROVAL OF P & A FROM STATE OF UTAH (FRANK MATTHEWS) AT 1335 HRS, 2-5-91.

18. I hereby certify that the foregoing is true and correct

SIGNED [signature] (Christopher Sun, Will) TITLE Operations Engineer DATE 8 February, 1991

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

See Instructions On Reverse Side

(3/89)

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
DRILLING AND WELL PLUGGING INSPECTION FORM

COMPANY: ChuckA Energy COMPANY MAN: Bobby wright

WELL NAME: Coral 11A#1 API #: 43-037-31554

QTR/QTR: NE NE SECTION: 11 TWP: 43S RANGE: 25E

CONTRACTOR: Aztec 184 PUSHER/DRLR: _____

INSPECTOR: Glenn DATE: 2/4/91 OPERATIONS: TD

SPUD DATE: 1/21/91 TOTAL DEPTH: _____

DRILLING AND COMPLETIONS

| | | | |
|---|---|---|---|
| Y APD | Y WELL SIGN | Y BOPE | Y RESERVE PIT |
| Y FLARE PIT | Y BURN PIT | Y H2S | Y BLOOIE LINE |
| Y SANITATION | Y HOUSEKEEPING | ____ VENTED/FLARED | |

PLUGGING AND ABANDONMENT PRODUCING FM(S): _____

| PLUGS: | TYPE/SIZE | INTERVAL |
|---|---|---|
| | | |
| | | |
| | | |
| | | |
| | | |

PERFORATIONS: _____

CASING SIZE: _____ PULLED: YES / NO CUT AT: _____

PLUGS TESTED: _____ HOW: _____ WOC: _____

MARKER: SURFACE: ____ PLATE: ____

RECLAMATION:

CONTOURED: ____ RIPPED: ____ REHAB'D: ____

LEGEND: (Y)-YES (P)-PROBLEM (U)-UNKNOWN (BLANK)-NOT APPLICABLE

REMARKS: TD Dry Hole

# CHUSKA ENERGY COMPANY

3315 BLOOMFIELD HIGHWAY • FARMINGTON, NEW MEXICO 87401 • PHONE: (505) 326-5525

P.O. BOX 780 • FARMINGTON, NEW MEXICO 87499


11 February, 1991



State of Utah Department of Natural Resources
Division of Oil, Gas and Mining
355 West North Temple
3 Triad Building, Suite 350
Salt Lake City, Utah 84180-1203

Ref: Completion Report: Coral 11A-1 Well

Gentlemen

Attached for your examination and approval is the original and two copies of the subject Dry Hole Completion Report.

Please advise if you require additional information concerning this submission.

Sincerely,

Larry G. Sessions
Operations Manager

LGS/cswh
FILE: C:\WP51\CORAL.11A\CRCOVER

encl.

FORM 8

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

# WELL COMPLETION OR RECOMPLETION REPORT AND LOG

RECEIVED
FEB 19 1991
DIVISION OF
OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: NOG 8702-1116
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: Navajo Tribal
7. UNIT AGREEMENT NAME:
8. FARM OR LEASE NAME: Coral 11A
9. WELL NO.: 1
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: S11 T43S R25E

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☒ Other
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other

2. NAME OF OPERATOR: Chuska Energy Company
3. ADDRESS OF OPERATOR: 3315 Bloomfield Highway, Farmington, New Mexico 87401
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)
At Surface: 200' FNL, 470' FEL
At top prod. interval reported below: Same
At total depth: Same

| 14. API NO. | DATE ISSUED | 12. COUNTY | 13. STATE |
|---|---|---|---|
| 43-037-31554 PA | 9-9-90 | San Juan | Utah |

| 15. DATE SPUDDED | 16. DATE T.D. REACHED | 17. DATE COMPL. (Ready to prod. or (Plug & Abd.) | 18. ELEVATIONS (DF, RKB, RT, GR ETC.) | 19. ELEV. CASINGHEAD |
|---|---|---|---|---|
| 1-21-91 | 2-5-91 | 2-7-91 | 5,168' GR | 5,168' |

| 20. TOTAL DEPTH, MD & | 21. PLUG BACK T.D., MD & TVD | 22. IF MULTIPLE COMPL., HOW MANY | 23. INTERVALS DRILLED BY | ROTARY TOOLS | CABLE TOOLS |
|---|---|---|---|---|---|
| 6,290' | Surface | - | → | Rotary | |

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: DLL/MSFL/GR/CAL — MICROLOG 2-15-91; FDC/CNL/MLT/GR/CAL, BHCS/GR/CAL — CYBERLOOK

27. WAS WELL CORED YES ☐ NO ☐ (Submit analysis)
DRILL STEM TEST YES ☐ NO ☒ (See reverse side)

28. CASING RECORD (Report all strings set in well)

| CASING SIZE | WEIGHT, LB./FT. | DEPTH SET (MD) | HOLE SIZE | CEMENTING RECORD | AMOUNT PULLED |
|---|---|---|---|---|---|
| 8 5/8" | 24 | 527' | 12 1/4" | 400 'G'/2% CaCl, (20 bbl to pit) | |

29. LINER RECORD

| SIZE | TOP (MD) | BOTTOM (MD) | SACKS CEMENT | SCREEN (MD) |
|---|---|---|---|---|
| | | | | |

30. TUBING RECORD

| SIZE | DEPTH SET (MD) | PACKER SET (MD) |
|---|---|---|
| | | |

31. PERFORATION RECORD (Interval, size and number)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

| DEPTH INTERVAL (MD) | AMOUNT AND KIND OF MATERIAL USED |
|---|---|
| | |

33. PRODUCTION

| DATE FIRST PRODUCTION | PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) | WELL STATUS (Producing or shut in) |
|---|---|---|
| | | P & A |

| DATE OF TEST | HOURS TESTED | CHOKE SIZE | PROD'N. FOR TEST PERIOD → | OIL - BBL. | GAS - MCF. | WATER - BBL. | GAS-OIL RATIO |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

| FLOW. TUBING PRESS. | CASING PRESSURE | CALCULATED 24-HOUR RATE → | OIL - BBL. | GAS - MCF. | WATER - BBL. | OIL GRAVITY-API (CORR.) |
|---|---|---|---|---|---|---|
| | | | | | | |

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

35. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED Christopher S.W. Hill TITLE Operations Engineer DATE 2-11-91

See Spaces for Additional Data on Reverse Side

(3/89)

## INSTRUCTIONS

This form should be completed in compliance with the Utah Oil and Gas Conservation General Rules. If not filed prior to this time, all logs, tests, and directional surveys as required by Utah Rules should be attached and submitted with this report.

ITEM 18: Indicate which elevation is used as reference for depth measurements given in other spaces on this form and on any attachments.

ITEMS 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

ITEM 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

ITEM 33: Submit a separate completion report on this form for each interval to be separately produced (see instructions for items 22 and 24 above).

37. SUMMARY OF POROUS ZONES

Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut in pressures, and recoveries.

| Formation | Top | Bottom | Description, contents, etc. |
|---|---|---|---|
| Core #1 | 6176 | 6232 | Deseert Creek: Recovered 54' of 56' cut |
| Core #2 | 6232 | 6276 | Desert Creek: Recovered 100% |

38. GEOLOGIC MARKERS

| Name | Top | |
|---|---|---|
| | Meas. Depth | True Vert. Depth |
| Hermosa | 5014 | 5014 |
| Upper Ismay | 5907 | 5907 |
| Hovenweep Shale | 5994 | 5994 |
| Lower Ismay | 6009 | 6009 |
| Gothic Shale | 6077 | 6077 |
| Desert Creek | 6134 | 6134 |
| Chimney Rock Shale | 6216 | 6216 |
| Akah | 6257 | 6257 |

# CHUSKA ENERGY COMPANY

1775 SHERMAN STREET - SUITE 1800 • DENVER, COLORADO 80203 • PHONE: (303) 863-7021
FAX #: (303) 863-7210


May 17, 1991

Ms. Vicki Kearney
Utah Oil & Gas Commission
355 West North Temple
Three Triad Center
Suite 350
Salt Lake City, Utah
84180-1203

Dear Ms. Kearney:

Please keep all Chuska Energy Company data confidential until further notice.

Thanks,

Herb

Herbert P. Mosca
Chuska Staff Geologist

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
OIL AND GAS INSPECTION RECORD

OPERATOR: CHUSKA ENERGY COMPANY LEASE: INDIAN

WELL NAME: CORAL 11A #1 API: 43-037-31554

SEC/TWP/RNG: 11 43.0 S 25.0 E CONTRACTOR:

COUNTY: SAN JUAN FIELD NAME: WILDCAT

DRILLING/COMPLETION/WORKOVER:

| | | | |
|---|---|---|---|
| _ APD | _ WELL SIGN | _ HOUSEKEEPING | _ BOPE |
| _ SAFETY | _ POLLUTION CNTL | _ SURFACE USE | _ PITS |
| _ OPERATIONS | _ OTHER | | |

SHUT-IN _ / TA _:

| | | | |
|---|---|---|---|
| _ WELL SIGN | _ HOUSEKEEPING | _ EQUIPMENT * | _ SAFETY |
| _ OTHER | | | |

ABANDONED:

| | | | |
|---|---|---|---|
| Y MARKER | Y HOUSEKEEPING | Y REHAB | _ OTHER |

PRODUCTION:

| | | | |
|---|---|---|---|
| _ WELL SIGN | _ HOUSEKEEPING | _ EQUIPMENT * | _ FACILITIES * |
| _ METERING * | _ POLLUTION CNTL | _ PITS | _ DISPOSAL |
| _ SECURITY | _ SAFETY | _ OTHER | |

GAS DISPOSITION:

| | | |
|---|---|---|
| _ VENTED/FLARED | _ SOLD | _ LEASE USE |

LEGEND: Y = YES/SATISFACTORY N = NO/UNSATISFACTORY A = NOT APPLICABLE

*FACILITIES INSPECTED:
LOCATION

REMARKS:
ACCESS ROAD HAS BEEN REMOVED-CHECKED W/BINOCULARS. I WAS ON LOCATION WHEN WELL WAS BEING PLUGGED. RECLAMATION HAS BEEN COMPLETED.

ACTION:

INSPECTOR: GLENN GOODWIN DATE: 05/07/92

43037315540
PA

CHUSKA ENERGY COMPANY
CORAL 11-A-1
SECTION 11, T43, R25E
SAN JUAN COUNTY, UTAH



CORE DESCRIPTION

CORE #1
DESERT CREEK
6176'-6232'
CUT 56' REC 54.5'

---

| | | |
|---|---|---|
| 6176.2 | SH | dkgy, plty, vcalc-sldol, mica, vslslty, carb-calc |
| 6176.8 | LS | dkgybrn, crpxl-micxl, dns, slslty, vsldol, vshy, w/blk carb SH incl, grdg to calc-carb SH, tt, NFSOC |
| 6178.5 | LS | AA, styl, vshy, n vis POR, NFSOC |
| 6180.3 | SH | blk, mas, mica, slslty, vdol, rr scat ANHY xl, carb, sooty |
| 6181.5 | SH | AA, bcmg vcalc-lmy |
| 6182.4 | LS | dkgybrn, crpxl, occ micxl, vshy-sldol, tr Brac fos, dns, tt, slslty, grdg to lmy SH |
| 6184.0 | SH | dkgy, mas, tr crin fos, calc-dol, tr mica, slslty, carb, sooty |
| 6185.9 | SH | AA, bcmg calc-lmy |
| 6186.7 | SH | AA, blk, vdol, w/lrg, wh, trnsl, dns, ANHY nod |
| 6187.0 | SH | AA, dkgybrn, vdol, tr ANHY xl, occ grdg to shy DOL |
| 6188.5 | DOL | dkbrn-dkgybrn, crpxl, dns, tt, sl lmy, vslslty, grdg to dol SH, NFSOC |
| 6189.5 | SH | dkgy, mas, slslty, mica ip, slcalc-vdol, tr brn DOL incl, grdg to shy DOL |
| 6190.0 | DOL | dkgybrn, crpxl, occ micxl, slcalc, slslty, tr ANHY xl, v rr frac, dns, tt, NFSOC |
| 6191.0 | DOL | AA, m-ltgybrn, shy, incr calc, NFSOC |
| 6192.5 | DOL | AA, NFSOC |
| 6193.5 | DOL | AA, dkgy-brn, w/wh-trnsl, mas ANHY |
| 6197.0 | ANHY | wh-trnsl, w/blk carb SH incl |
| 6199.0 | DOL | dkgybrn, micxl, slslty, tr ANHY xl, vshy, slmica, dns, tt NFSOC |

CHUSKA ENERGY COMPANY
CORAL 11-A-1

| | | |
|---|---|---|
| 6200.5 | DOL | AA, vshy, w/intbd wh-trnsl, mas ANHY |
| 6202.0 | DOL | m-dkgy, crpxl, slslty, mica ip, tr ANHY xl, dns, tt, grdg to dol SH ip, NFSOC |
| 6204.0 | DOL | AA, tt, NFSOC |
| 6207.7 | DOL | AA, NFSOC, w/intbd wh-trnsl, mas ANHY |
| 6210.1 | ANHY | wh-trnsl, mas, dns, w/gybrn, crpxl, slshy DOL lens |
| 6213.0 | ANHY | wh-trnsl, mas, dns |
| 6215.5 | DOL | dkgybrn, micxl, rthy, slslty, shy, tr PYR xl, slmica, tr ANHY xl-incl, dns, tt |
| 6216.0 | DOL | ltbrn, micxl, vfxl-slsuc, slslty, slshy, rthy, tr ANHY xl, rr blk carb SH incl, v rr intxl POR, NFSOC |
| 6218.0 | DOL | AA, dull orng mnrl FLOR, NSOC |
| 6220.5 | DOL | mbrn, micxl, rthy, slslty, slmica, vsl lmy, tt ANHY xl-incl, rr-tr intxl POR, tr dull yel FLOR, v rr ltbrn STN, tr slow stmg mlky CUT, v fnt OD |
| 6222.5 | DOL | AA, fr intxl POR, fr dull-bri yel FLOR, rr ltbrn STN, fr mod fast stmg mlky CUT, tr od |
| 6224.0 | DOL | ltbrn-brn, crpxl-micxl, tr blk carb SH incl, rr ANHY xl-incl, vslslty, slcalc, tt, dns, NFSOC |
| 6225.2 | DOL | dkgybrn, crpxl-micxl, rthy, slslty, rr ANHY xl, slfos, vslmica, grdg to dol SH, tt, NFSOC |
| 6226.4 | SH | dkgy, mas, slmica, vslslty, calc-dol, slfos, carb, sooty |
| 6230.0 | SH | AA |

CHUSKA ENREGY COMPANY
CORAL 11-A-1
SECTION 11, T43S, R25E
SAN JUAN COUNTY, UTAH

CORE DESCRIPTION

**CORE #2**
**6232'-6277'**
**DESERT CREEK**
**CUT-44' REC-45'**

---

| | | |
|---|---|---|
| 6232.2 | SH | dkgy-blk, mas, mica, slslty, vdol-slcalc, sooty |
| 6234.5 | SH | AA, vcalc-sldol |
| 6236.0 | SH | AA, blk, dol-vslcalc, bcmg plty |
| 6238.0 | SH | AA, dkgybrn, calc-dol, fis |
| 6240.3 | SH | dkgybrn, mas, mica, slslty, calc-dol, carb, sooty, w/lrg 1"-2" ANHY nod |
| 6242.0 | SH | AA, v rr ANHY xl, pred vdol |
| 6244.0 | SH | AA, vdol-slcalc |
| 6245.0 | SH | mgybrn, mas, vdol, slmica, slty ip, w/lrg ANHY nod, tr PYR xl |
| 6246.0 | SH | AA, dkgy, slcalc, v rr ANHY xl, v rr fos, grdg to vshy, gybrn, rthy DOL |
| 6248.0 | SH | AA, vdol-grdg to vshy, slcalc DOL, w/tr Brac fos |
| 6250.5 | SH | blk, mas, vslmica, slslty, slcalc-vdol, carb, sooty |
| 6252.6 | DOL | m-dkgybrn, micxl, vrthy-vshy, slslty, tr ANHY nod, occ thn dkgy carb SH lam, v rr spty dull yel FLOR on contact between SH & DOL, n-v rr brn STN, fast stmg mlky CUT, v fnt OD |
| 6254.5 | SH | ltgy, fis, slmica, slslty, calc-vdol, carb, sooty ip |
| 6255.5 | SH | AA, dkgybrn, plty |
| 6257.0 | SH | ltgybrn, mas, slslty, rthy, vdol, grdg to vshy DOL, vslcarb, slcalc |
| 6258.0 | SH | AA, dkgybrn, w/v thn dkbrn, crpxl, shy DOL lam, carb, sooty |
| 6260.3 | SH | dkgy, mas, slslty, slmica, vcalc, tr frac, w/blk, dol, carb SH lens, carb, sooty |

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| 6261.5 | SH | dkgybrn, vlmy, carb, sooty, slslty, grdg to vshy crpxl LS, w/abnt lrg ANHY-calc xl, vthn DOL incl, v rr fos, tr vis POR along xl faces, fr dull-bri yel FLOR, tr ltbrn STN, tr slow stmg mlky CUT, tr OD |
| 6263.4 | ANHY | trnsl, mas, xl, w/thn dkgybrn, vdol, rthy, slty SH incl |
| 6265.7 | ANHY | AA |
| 6267.0 | SH | blk, fis-mas, dol, carb, sooty, vslmica, vslslty (MUDST) |
| 6268.0 | DOL | dkbrn, micxl, rthy, slslty, w/thn blk carb SH lam, tr intxl POR, fr-g dull-bri yel FLOR, tr ltbrn STN, g fast stmg CUT, tr OD, NOTE: TR SALTWATER BREAKING FROM CORE |
| 6270.5 | DOL | ltgy, crpxl-micxl, cln-slty, slrthy, sl anhy, tr intxl POR, NFSOC |
| 6272.4 | DOL | mgybrn, micxl, vshy, vrthy, slty, tr ANHY xl, tr ANHY lens-thn incl, tt-v rr intxl POR, NFSOC |
| 6274.0 | DOL | AA, dkbrn-dkgybrn, w/thn blk carb SH lam-contact w/anhy-wh, trnsl, xl, dns |
| 6275.5 | ANHY | trnsl, wh, xl, mas, w/v thn dkgy-blk, dol SH stks |
| 6277.0 | ANHY | AA |